

8. (Amended) The temperature compensated detector of [Claim] claim 7, further including a matched pair of semiconductor diodes, a first diode located in said detector and a second diode located in said temperature compensation circuit, and said current source sources current between said diodes.

9. (Amended) The temperature compensated detector of [Claim] claim 8, wherein said current source is configured to provide a constant that is substantially independent of temperature.

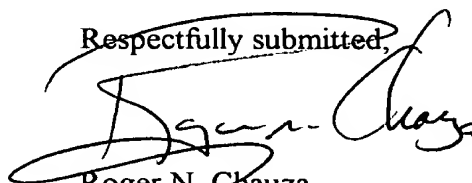
17. (Amended) The temperature compensated detector of [Claim] claim 16, wherein said first and second semiconductor diodes have matched electrical characteristics.

REMARKS

A notice of allowance was mailed in the above-captioned application on December 21, 1998. The issue fee has not been paid in connection with this patent application. Claims 7-9 and 17 are amended in a minor manner that does not require an additional search of the prior art. It is thus believed that the amendments to the claims are appropriate, and should be entered into the record of this case. The amendments to the claims are for purposes of clarification and do not necessitate a new search of the prior art.

Entry of this amendment is respectfully requested.

Respectfully submitted,



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December 31, 1998
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